



PTO/SB/21 (09-04)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/732,900	
	Filing Date	December 9, 2003	
	First Named Inventor	Hu, Wenhao	
	Art Unit	1654	
	Examiner Name	Thomas Sweeney Heard	
Total Number of Pages in This Submission	13	Attorney Docket Number	020891-001610US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard References Cited (107) Copy of International Search Report
Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Townsend and Townsend and Crew LLP	
Signature		
Printed name	William B. Kezer	
Date	March 15, 2006	Reg. No. 37,369

CERTIFICATE OF TRANSMISSION/MAILING		
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Signature		
Typed or printed name	Marta R. Vanegas	Date March 15, 2006



Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2006☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**180****Complete if Known**

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Filing Date	December 9, 2003
First Named Inventor	Hu, Wenhao
Examiner Name	Thomas Sweeney Heard
Art Unit	1654
Attorney Docket No.	020891-001610US

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Fee (\$)	Small Entity
	Fee (\$)
50	25
200	100
360	180
Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
-20 or HP =	x	=	

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
-3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Submission of Information Disclosure Stmt**Fees Paid (\$)**180**SUBMITTED BY**

Signature

Registration No. 37,369
(Attorney/Agent)

Telephone 925-472-5000

Name (Print/Type)

William B. Kezer

Date March 15, 2006

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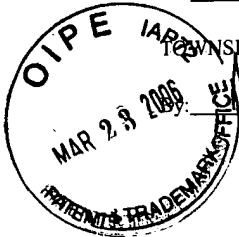
On

March 15, 2006

TOWNSEND and TOWNSEND and CREW LLP

Marta Vanegas

PATENT
Attorney Docket No.: 020891-001610US
Client Reference No.: GSFT016-US1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hu and Brli

Application No.: 10/732,900

Filed: December 9, 2003

For: ANTIBACTERIAL COMPOUNDS
HAVING A (PYRROLE
CARBOXAMIDE)-(BENZAMIDE)-
(IMIDAZOLE CARBOXAMIDE)
MOTIF

Examiner:

Art Unit: 1614

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the foreign patent and of the non-patent references [in compliance with the requirements of 37 CFR §1.98(a)(2)] are enclosed herewith.

Also enclosed is a copy of the International Search Report for the corresponding International Application No. PCT/US2003/039260.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

03/24/2006 JBALINAN 00000056 201430 10732900

01 FC:1806 180.00 DA

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

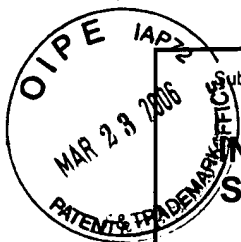
Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



William B. Kezer
Reg. No. 37,369

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Substitution for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/732,900		
		Filing Date	December 9, 2003		
		First Named Inventor	Hu, Wenhao		
		Art Unit	1614		
		Examiner Name			
Sheet	1	of	8	Attorney Docket Number	020891-001610US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 3,622,574	11-1971	Wright et al.	
	2	US- 4,738,980	04-1988	Arcamone et al.	
	3	US- 4,766,142	08-1988	Arcamone et al.	
	4	US- 4,800,211	01-1989	Tischler et al.	
	5	US- 4,912,199	03-1990	Lown et al.	
	6	US- 5,017,599	05-1991	Lazzari et al.	
	7	US- 5,049,579	09-1991	Lazzari et al.	
	8	US- 5,310,752	05-1994	Lazzari et al.	
	9	US- 5,350,748	09-1994	Boschelli et al.	
	10	US- 5,395,849	03-1995	Wittman et al.	
	11	US- 5,472,976	12-1995	Animati et al.	
	12	US- 5,502,068	03-1996	Lown et al.	
	13	US- 5,545,640	08-1996	Beaulieu et al.	
	14	US- 5,616,606	04-1997	Lown et al.	
	15	US- 5,670,534	09-1997	Animati et al.	
	16	US- 5,698,674	12-1997	Bruice et al.	
	17	US- 5,753,629	05-1998	Beria et al.	
	18	US- 5,801,155	09-1998	Kutyavin et al.	
	19	US- 5,808,087	09-1998	Matsunaga et al.	
	20	US- 5,821,258	10-1998	Matsunaga.	
	21	US- 5,844,110	12-1998	Gold	
	22	US- 5,852,011	12-1998	Matsunaga et al.	
	23	US- 5,998,140	12-1999	Dervan et al.	
	24	US- 6,090,947	07-2000	Dervan et al.	
	25	US- 6,143,901	11-2000	Dervan	
	26	US- 6,153,642	11-2000	Cozzi et al.	
	27	US- 6,172,104	01-2001	Tidwell et al.	
	28	US- 6,458,768	10-2002	Cozzi et al.	
	29	US- 6,555,693	04-29-2003	Ge et al.	
	30	US- 6,566,393 B1	05-20-2003	Lee et al.	
	31	US- 6,586,561 B1	07-01-2003	Litt et al.	
	32	US- 2003-0199516-A1	10-23-2003	Moser et al.	
	33	US- 2003-0211508-A1	11-13-2003	Ge et al.	
	34	US- 2003-0236198-A1	12-25-2003	Bürli et al.,	
	35	US- 6,716,866 B2	04-06-2004	McMinn et al.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	10/732,900
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				Art Unit	1614
				Examiner Name	
Sheet	2	of	8	Attorney Docket Number	020891-001610US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	36	US- 6,777,425	08-17-2004	Bürli et al.,	
	37	US- 6,825,228	11-30-2004	Bürli et al.	
	38	US- 2005-0004042-A1	01-06-2005	Hu et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵				
	39	DE	199 20 936	A1	11-09-2000	BASF A.G.		
	40	GB	2 310 207	A	02-15-1996	Pharmacia & Upjohn S.p.A.		
	41	JP	08-027146	A	10-15-1996	Mitsui Toatsu Chem. Inc.		
	42	JP	08-269008	A	10-15-1996	Mitsui Toatsu Chem. Inc.		
	43	JP	11-171886	A	06-29-1999	Mitsui Chem. Inc.		
	44	JP	11-189594	A	07-13-1999	Mitsui Chem. Inc.		
	45	WO	92/13838	A1	08-20-1992	Synphar Laboratories, Inc.		
	46	WO	93/13739	A2	07-22-1993	Menarini Industrie Farmaceutiche Reunite S.R.L.		
	47	WO	94/20463	A1	09-15-1994	Menarini Industrie Farmaceutiche Reunite S.R.L.		
	48	WO	95/24419	A1	09-14-1995	Ariad Pharmaceuticals, Inc.		
	49	WO	96/26950	A1	09-06-1996	Pharmacia S.P.A.		
	50	WO	97/03957	A1	02-06-1997	Pharmacia & Upjohn S.P.A.		
	51	WO	97/25351	A2	07-17-1997	Leukosite, Inc.		
	52	WO	97/28123	A1	08-07-1997	Pharmacia & Upjohn S.P.A.		
	53	WO	98/21202	A1	05-22-1998	Pharmacia & Upjohn S.P.A.		
	54	WO	98/35702	A1	08-20-1998	California Institute of Technology		
	55	WO	98/37066	A1	08-27-1998	California Institute of Technology		
	56	WO	98/37067	A1	08-27-1998	California Institute of Technology		
	57	WO	98/37087	A1	08-27-1998	California Institute of Technology		
	58	WO	98/43663	A1	10-08-1998	The Scripps Research Institute		
	59	WO	98/45284	A1	10-15-1998	California Institute of Technology		
	60	WO	98/49142	A1	11-5-1998	California Institute of Technology		

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				Art Unit	1614
				Examiner Name	
Sheet	3	of	8	Attorney Docket Number	020891-001610US

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		Country Code ³	Number ⁴	Kind Code ⁵				
	61	WO	98/50582	A1	11-12-1998	California Institute of Technology		
	62	WO	98/52614	A2	11-26-1998	The Board of Trustees of the Leland Stanford Junior University		
	63	WO	99/00364	A1	01-07-1999	Pharmacia & Upjohn S.P.A.		
	64	WO	99/25686	A1	05-27-1999	Teijin Limited		
	65	WO	99/27939	A1	06-10-1999	The Government of the U.S.A.		
	66	WO	99/41367	A1	08-19-1999	Merck Patent GmbH		
	67	WO	99/50265	A1	10-07-1999	Pharmacia & Upjohn S.P.A.		
	68	WO	99/50266	A1	10-07-1999	Pharmacia & Upjohn S.P.A.		
	69	WO	99/62890	A1	12-09-1999	Pfizer Products Inc.		
	70	WO	99/64413	A1	12-16-1999	Pharmacia & Upjohn S.P.A.		
	71	WO	00/06541	A1	02-10-2000	Pharmacia & Upjohn S.P.A.		
	72	WO	00/06542	A1	02-10-2000	Pharmacia & Upjohn S.P.A.		
	73	WO	00/15209	A2	03-23-2000	The Scripps Research Inst.		
	74	WO	00/15773	A2	03-23-2000	California Institute of Technology		
	75	WO	00/40605	A2	07-13-2000	Genesoft, Inc.		
	76	WO	00/69432	A1	11-23-2000	Teijin Limited		
	77	WO	01/10439	A1	02-15-2001	Teijin Limited		
	78	WO	01/19792	A1	03-22-2001	Genelabs Technologies, Inc.		
	79	WO	01/21615	A1	03-29-2001	Yamanouchi Pharmaceutical Co., Ltd.		
	80	WO	01/74898	A2	10-11-2001	Genesoft, Inc.		
	81	WO	01/96313	A1	12-20-2001	The Scripps Research Institute		
	82	WO	02/00650	A2	01-03-2002	Genelabs Technologies, Inc.		
	83	WO	02/088119	A1	11-07-2002	Genesoft, Inc.		
	84	WO	02/101073	A2	12-19-2002	Genesoft, Inc.		
	85	WO	04/012736	A1	02-12-2004	Genesoft Pharmaceuticals, Inc.		

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				Art Unit	1614
Examiner Name					
Sheet	4	of	8	Attorney Docket Number	020891-001610US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	86	ARCAMONE, F. et al., "Synthesis, DNA binding and antiviral activity of distamycin analogues containing different heterocyclic moieties." <i>Anti-Cancer Drug Design</i> , 1:235-244 (1986).		
	87	BAILLY, C. and J.B. Chaires, "Sequence-specific DNA minor groove binders. Design and synthesis of netropsin and distamycin analogues." <i>Bioconj. Chem.</i> , 9(5):513-538 (1998).		
	88	BAIRD, E.E. and P.B. Dervan, "Solid phase synthesis of polyamides containing imidazole and pyrrole amino acids." <i>J. Am. Chem. Soc.</i> , 118:6141-46 (1996).		
	89	BARALDI et al., "Synthesis of 3-Substituted-7-alkoxy-5H-pyrazolo [4, 3-d],2,3-triazin-4(3H)-ones" <i>Synthesis</i> , pp. 1437-1440, (1994), XP002208604.		
	90	BARALDI, P.G. et al., "Synthesis and antitumor activity of new benzoheterocyclic derivatives of distamycin A." <i>J. Med. Chem.</i> , 43:2675-2684 (2000).		
	91	BERGE, S.M., et al, "Pharmaceutical Salts", <i>J. Pharm. Sci.</i> , 66:1-19 (1977)		
	92	BILDER G. et al., "Restenosis following angioplasty in the swine coronary artery is inhibited by an orally active PDGF-receptor tyrosine kinase inhibitor, RPR101511A." <i>Circulation</i> , 99(25):3292-99 (1999)		
	93	BOGER, D.L. et al., "A simple, high-resolution method for establishing DNA binding affinity and sequence selectivity." <i>J. Am. Chem. Soc.</i> , 123:5878-91 (2001)		
	94	BOGER, D.L. et al., "Total synthesis of distamycin A and 2640 analogues: A solution-phase combinatorial approach to the discovery of new bioactive DNA binding agents and development of a rapid high-throughput screen for determining relative DNA binding affinity or DNA binding sequence selectivity." <i>J. Am. Chem. Soc.</i> , 122:6382-94 (2000).		
	95	BREMER, R.E. et al., "Recognition of the DNA minor groove by pyrrole-imidazole polyamides: comparison of desmethyl-and n-methylpyrrole." <i>Bioorg. Med. Chem.</i> , 8:1947-55 (2000).		
	96	BRUICE, Thomas C. et al., "Rational design of substituted tripyrrole peptides that complex with DNA by both selective minor-groove binding and electrostatic interaction with the phosphate backbone." <i>Proc. Natl. Acad. Sci. USA</i> , 89:1700-04 (1992)		
	97	CHIARINO, D. et al., "Synthesis of new isoxazole aminoalcohols." <i>J. Heterocyclic Chem.</i> , 25(1):337-342 (1988)		

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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				Art Unit	1614
				Examiner Name	
Sheet	5	of	8	Attorney Docket Number	020891-001610US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	98	CHOUDHURY, G.G. et al., "Involvement of PKC-alpha in PDGF-mediated mitogenic signaling in human mesangial cells." <i>Am. J. Physiol.</i> , 265(5 Pt 2):F634-42 (1993)		
	99	CORALLINI, A. et al. "Characterization of the effects of two polysulfonated distamycin A derivatives, PNU145156E and PNU153429, on HIV type 1 Tat protein." <i>AIDS Res. Hum. Retroviruses</i> , 4(17):1561-71 (1998)		
	100	DYATKINA, N.B. et al., "Minor groove DNA binders as antimicrobial agents. 1. Pyrrole tetraamides are potent antibacterials against vancomycin resistant Enterococci [corrected] and methicillin resistant Staphylococcus aureus." <i>J. Med. Chem.</i> ; 45(4):805-17 (2002)		
	101	ELLERVIK, U. et al., "Hydroxybenzamide/pyrrole pair distinguishes T-A from A-T base pairs in the minor groove of DNA" <i>J. Am. Chem. Soc.</i> 122(39):9354-60 (2000)		
	102	EL-NAGGAR, A.M. et al., "Synthesis of some 2-thenoyl-, 5-bromo-2-thenoyl- and 5-nitro-2-thenoylamino acid derivatives and their antimicrobial activity." <i>J. Indian Chem. Soc.</i> , LIX:783-786 (1982).		
	103	FENWICK et al., "Solid-phase synthesis of cyclic alkoxyketones, inhibitors of the cysteine protease cathepsin K." <i>Bioorg. Med. Chem. Lett.</i> , 11:195-98 (2001).		
	104	FLOREANCIG, P.E. et al., "Recognition of the minor groove of DNA by hairpin polyamides containing alpha-substituted-beta-amino acids." <i>J. Am. Chem. Soc.</i> , 122:6342-50 (2000).		
	105	GOODSELL D. and R.E. Dickerson, "Isohelical analysis of DNA groove-binding drugs." <i>J. Med. Chem.</i> , 29(5):727-33 (1986)		
	106	GOUGEROT-POCIDALO, M.A. et al. "Mechanisms by which oxidative injury inhibits the proliferative response of human lymphocytes to PHA. Effect of the thiol compound 2-mercaptoethanol." <i>Immunology</i> , 64(2):281-8 (1988)		
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				Art Unit	1614
				Examiner Name	
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NON PATENT LITERATURE DOCUMENTS				
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